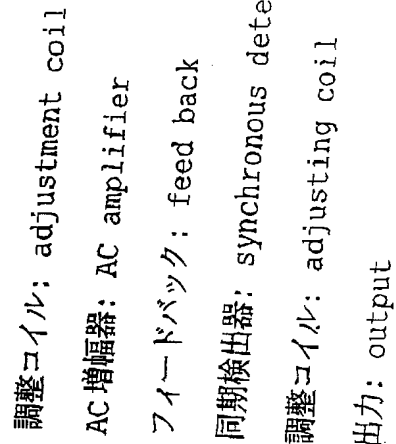
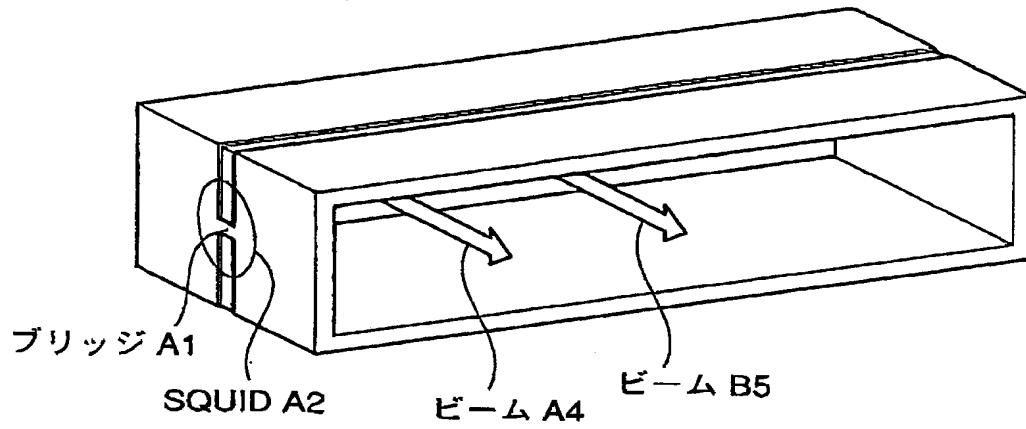


(Fig. 1)



出力: output

Fig. 2



(Fig. 2)

A1: bridge

A4: beam

B5: beam

Fig 3(a)

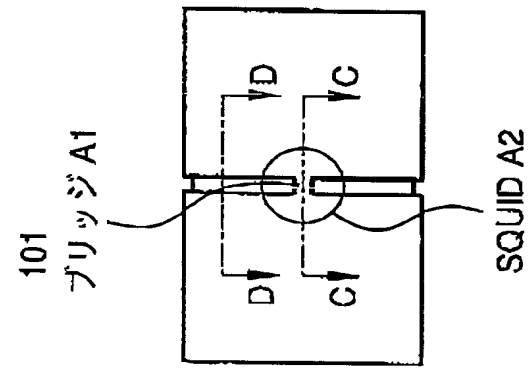


Fig 3(b) bridge

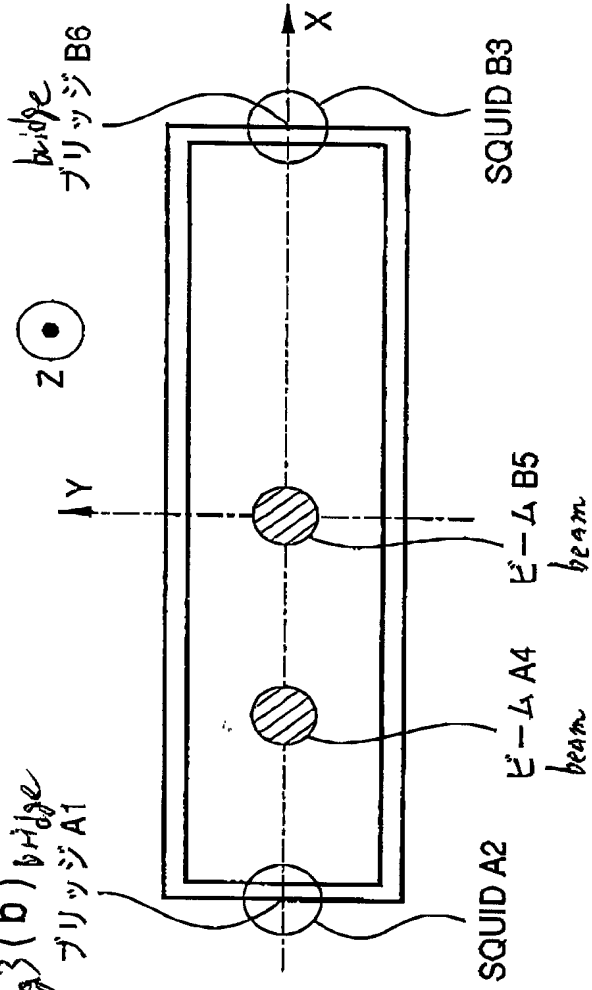


Fig 3(c)

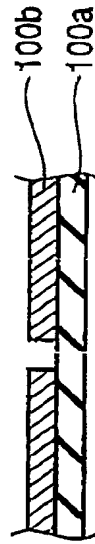


Fig 3(d)

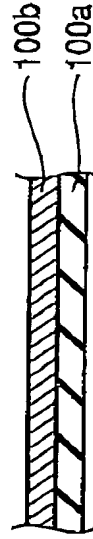
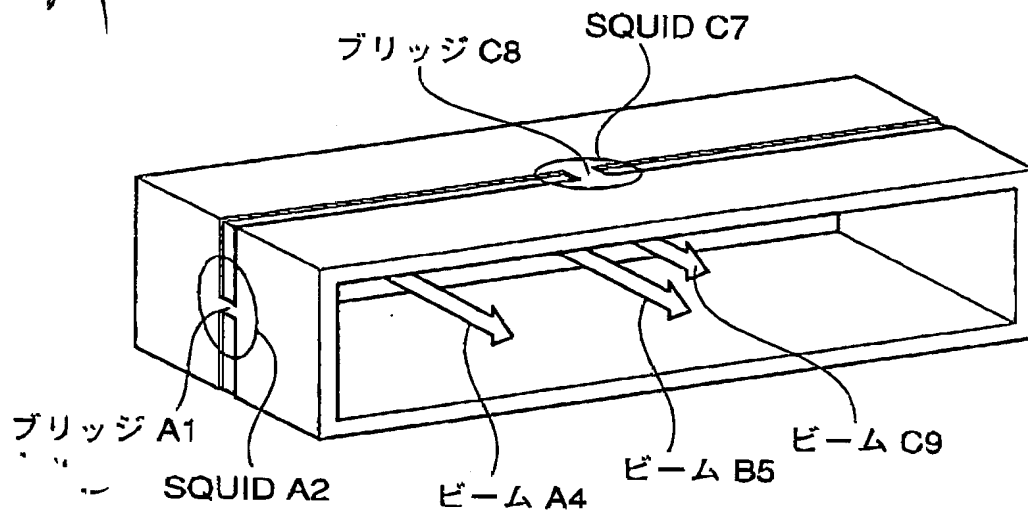


Fig. 4



(Fig. 4)

A1: bridge

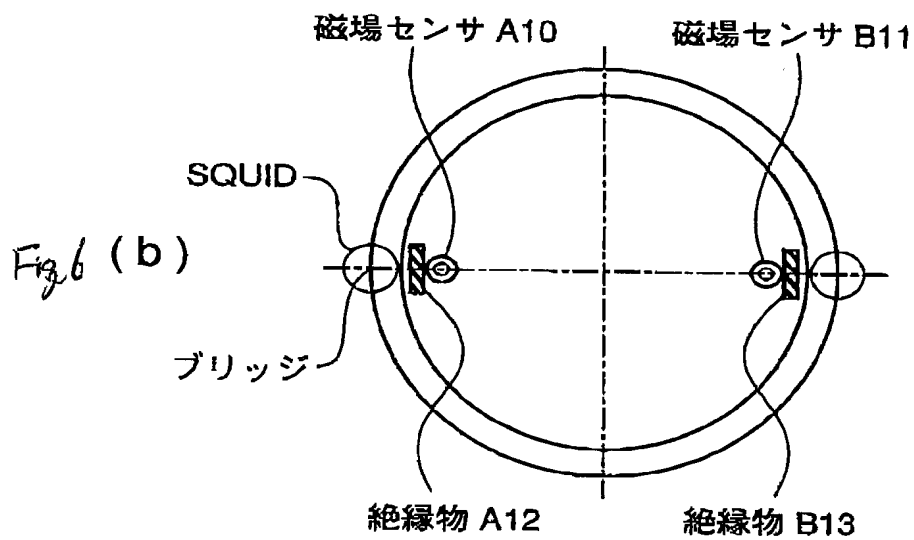
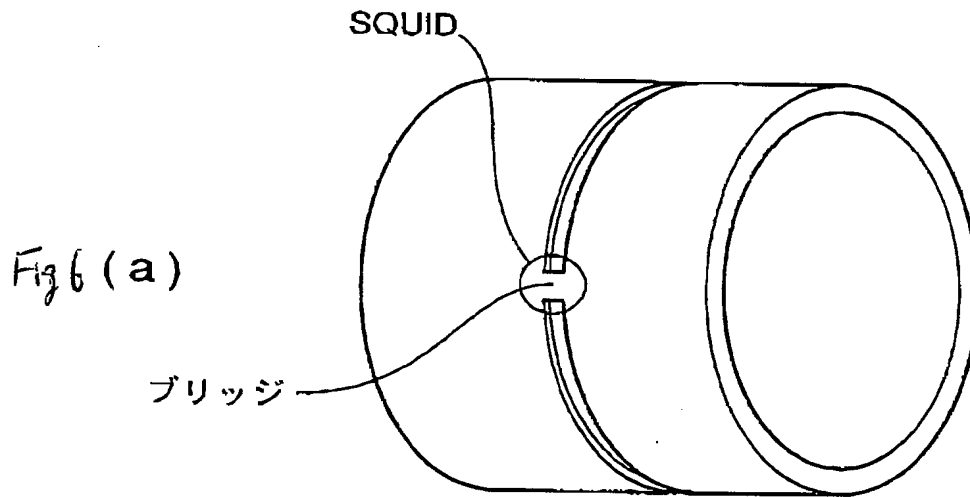
A4: beam

B5: beam

C8: bridge

C9: beam





(Fig. 6)

(a)

ブリッジ: bridge

(b)

ブリッジ: bridge

A10: magnetic field sensor

A12: insulator

B11: magnetic field sensor

B13: insulator

Fig. 7

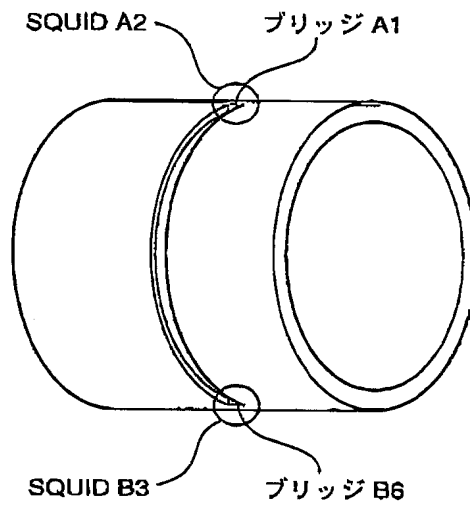
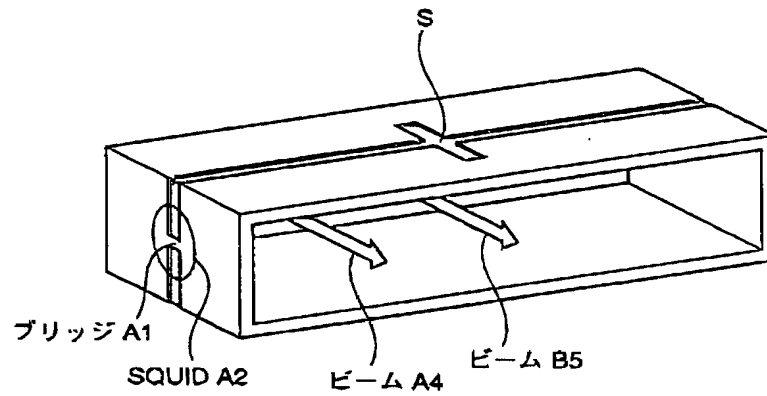


Fig. 8



(Fig. 7)

A1: bridge

B6: bridge

(Fig. 8)

A1: bridge

A4: beam

B5: beam

Fig. 9 (a)

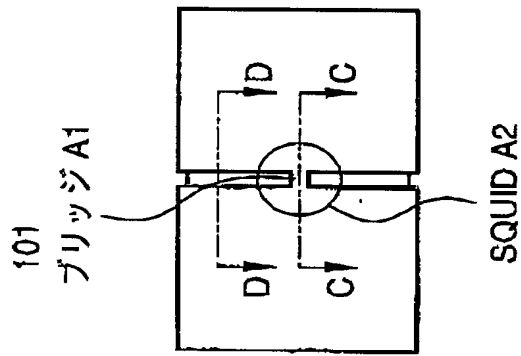
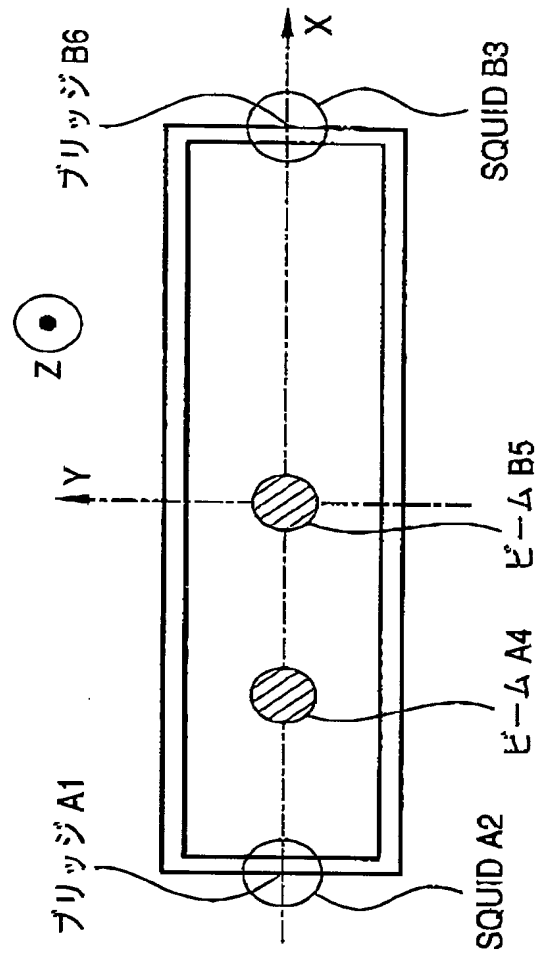


Fig. 9 (b)



(Fig. 9)

(a)

A1: bridge

(b)

A1: bridge

A4: beam

B5: beam

B6: bridge



Fig. 10

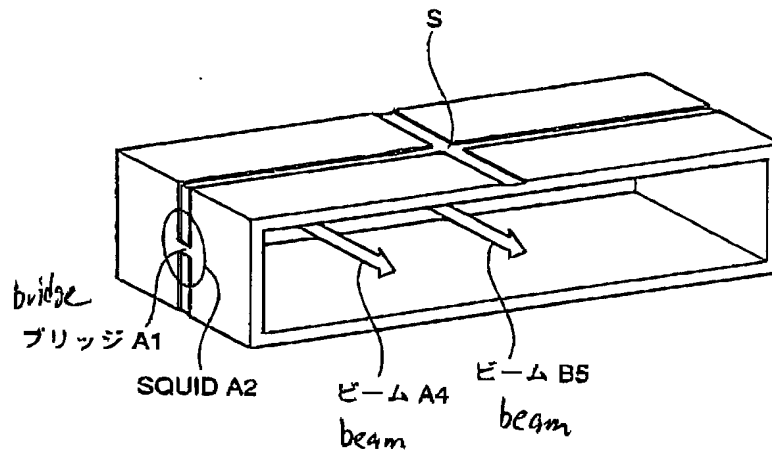




Fig. 12

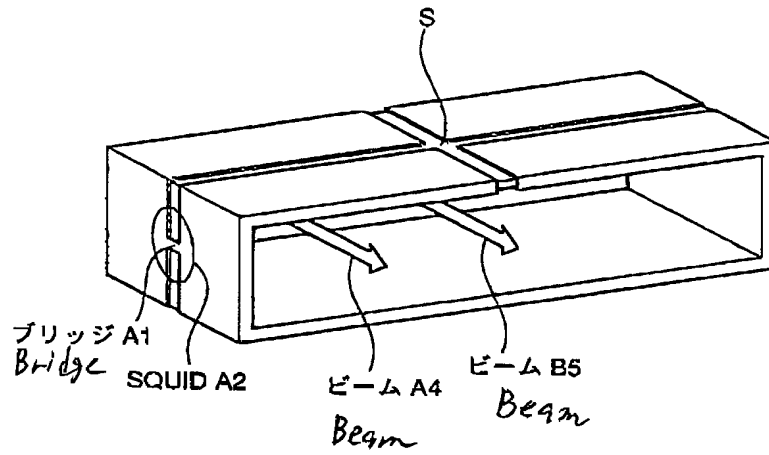
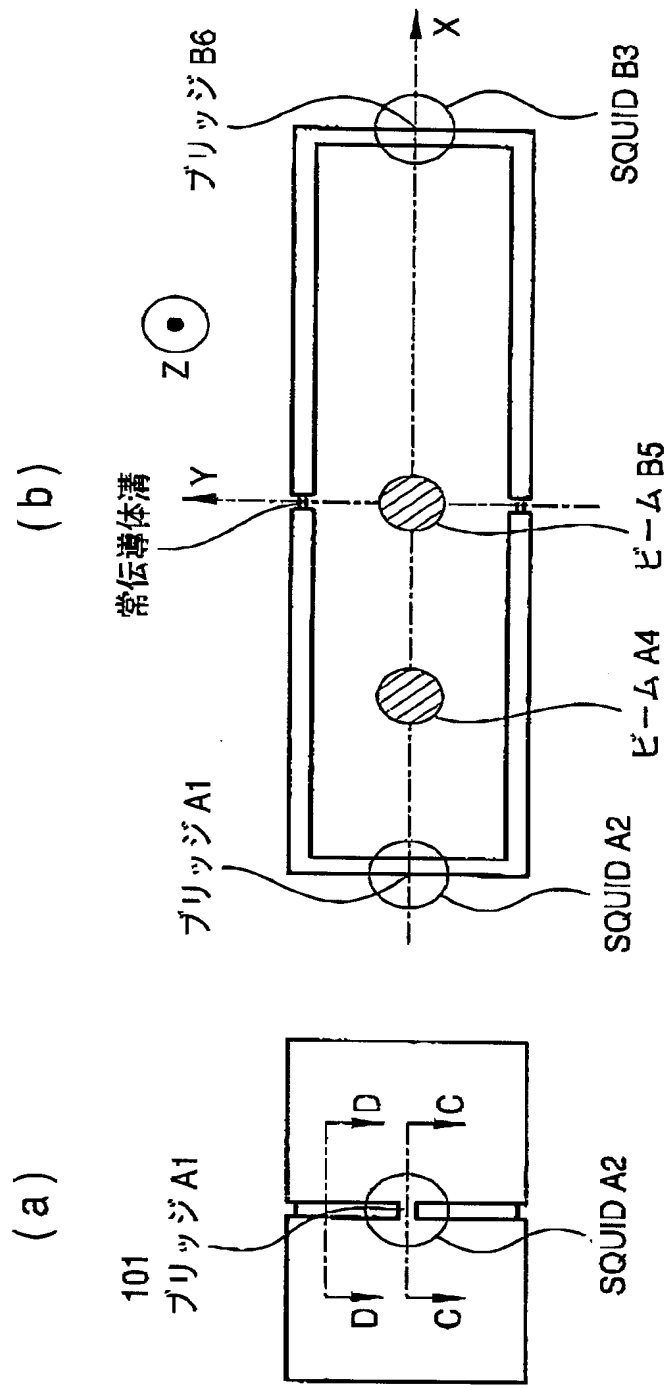


Fig. 13



(Fig. 13)

(a)

A1: bridge

(b)

A1: bridge

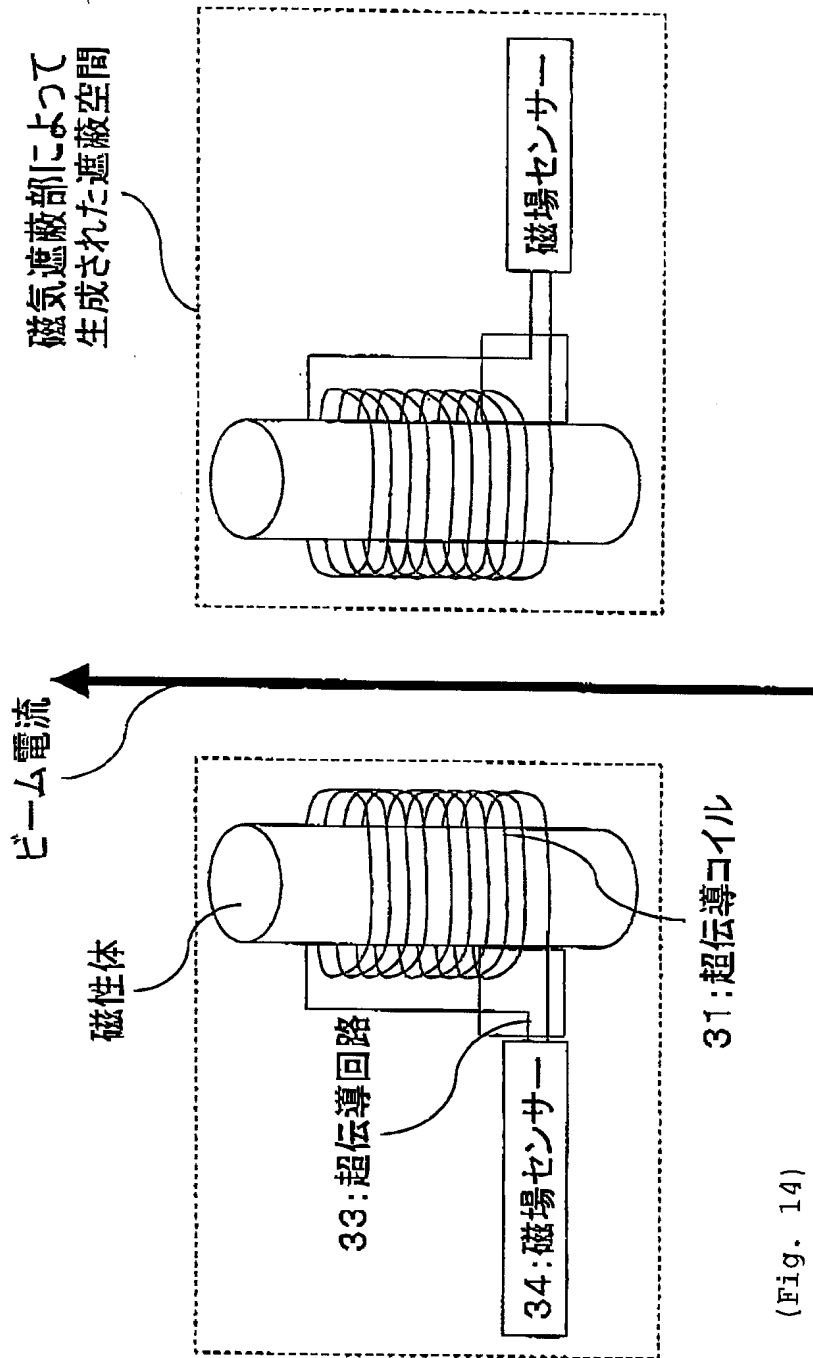
A4: beam

B5: beam

B6: bridge

常伝導体溝 : normal conductor groove

Fig. 14



(Fig. 14)

31: superconductive coil

33: superconductive circuit

34: magnetic field sensor

磁性体: magnetic body

ビーム電流: beam current

磁場センサー: magnetic field sensor

磁気遮蔽部によって生成された遮蔽空間: shielding space which is formed by magnetic shielding part

Fig. 15

